

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/538,704
Source: PCP
Date Processed by STIC: 3/16/06

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PCT

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/538,704

DATE: 03/16/2006

TIME: 12:39:31

Input Set : N:\Crf4\03142006\J538704.raw
Output Set: N:\CRF4\03162006\J538704.raw

1 <110> APPLICANT: Olayioye, Monilola
2 Visvader, Jane
3 Lindeman, Geoffrey
4 Hoffmann, Peter
5 Pomorski, Thomas
6 <120> TITLE OF INVENTION: A NOVEL PHOSPHOPROTEIN
7 <130> FILE REFERENCE: DAVI186.004APC
8 <140> CURRENT APPLICATION NUMBER: US/10/538,704
9 <141> CURRENT FILING DATE: 2005-06-10
10 <150> PRIOR APPLICATION NUMBER: PCT/AU03/01664
11 <151> PRIOR FILING DATE: 2003-12-12
12 <150> PRIOR APPLICATION NUMBER: AU 2002953341
13 <151> PRIOR FILING DATE: 2002-12-13
14 <160> NUMBER OF SEQ ID NOS: 7
15 <170> SOFTWARE: FastSEQ for Windows Version 4.0
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 13
19 <212> TYPE: PRT
20 <213> ORGANISM: Artificial Sequence
21 <220> FEATURE:
22 <223> OTHER INFORMATION: peptide
23 <400> SEQUENCE: 1
24 Glu Ser Ala Val Ala Glu Ser Arg Glu Glu Arg Met Gly
25 1 5 10
27 <210> SEQ ID NO: 2
28 <211> LENGTH: 18
29 <212> TYPE: PRT
30 <213> ORGANISM: Artificial Sequence
31 <220> FEATURE:
32 <223> OTHER INFORMATION: peptide
33 <400> SEQUENCE: 2
34 Gln His Ala Asp Ser Leu Glu Asn Ile Asp Glu Ser Ala Val Ala Glu
35 1 5 10 15
36 Ser Arg
38 <210> SEQ ID NO: 3
39 <211> LENGTH: 18
40 <212> TYPE: PRT
41 <213> ORGANISM: Artificial Sequence
42 <220> FEATURE:
43 <223> OTHER INFORMATION: peptide
44 <400> SEQUENCE: 3
45 Arg Arg Ala Ala Ser Met Asp Asn Asn Ser Lys Phe Ala Lys Ser Arg
46 1 5 10 15

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47      Ser Arg
49 <210> SEQ ID NO: 4
50 <211> LENGTH: 876
51 <212> TYPE: DNA
52 <213> ORGANISM: Homo sapiens
53 <400> SEQUENCE: 4
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55 agtgtccagg tgcccgatga ccaagacttt cgccagcttc ggtcagagtg tgaggctgag 120
56 gtgggctgga acctgcaccta tagcagggct ggggtgtctg tctgggtgca ggctgtggag 180
57 atggatcgga cgctgcacaa gatcaagtgc cggatggagt gctgtatgt gccagccgag 240
58 acactctacg acgtcctaca cgacatttag tacccgaaga aatgggacag caacgtcatt 300
59 gagactttg acatgcggc cttgacagtc aacgctgacg tggcttatta ctccctggagg 360
60 tgtcccaagc ccctgaagaa ccgtgatgtc atcaccctcc gctccctggct ccccatgggc 420
61 gctgattaca tcattatgaa ctactcagtc aaacatccca aataaccacc tcggaaagac 480
62 ttggtccgag ctgtgtccat ccagacgggc tacctcatcc agagcacagg gccaagagc 540
63 tgcgtcatca cctacctggc ccaggtggac cccaaaggct cttacccaa gtgggtggg 600
64 aataaatctt ctcagttct ggctcccaag gccatgaaga agatgtacaa ggcgtgcctc 660
65 aagtaccccg agtggaaaca gaagcacctg cctcacttca agcgtggct gcacccggag 720
66 cagagccgt tgccgagcct ggcgtgtcg gagctgtcgg tgcagcatgc ggactactg 780
67 gagaacatcg acgagagcgc ggtggccgag agcagagagg agcggatggg cggcgcggc 840
68 ggcgagggca ggcgacacga cactcgctc acctga                                876
70 <210> SEQ ID NO: 5
71 <211> LENGTH: 291
72 <212> TYPE: PRT
73 <213> ORGANISM: Homo sapiens
74 <400> SEQUENCE: 5
75 Met Glu Lys Leu Ala Ala Ser Thr Glu Pro Gln Gly Pro Arg Pro Val
76           1          5          10          15
77 Leu Gly Arg Glu Ser Val Gln Val Pro Asp Asp Gln Asp Phe Arg Ser
78           20         25          30
79 Phe Arg Ser Glu Cys Glu Ala Glu Val Gly Trp Asn Leu Thr Tyr Ser
80           35         40          45
81 Arg Ala Gly Val Ser Val Trp Val Gln Ala Val Glu Met Asp Arg Thr
82           50         55          60
83 Leu His Lys Ile Lys Cys Arg Met Glu Cys Cys Asp Val Pro Ala Glu
84           65         70          75          80
85 Thr Leu Tyr Asp Val Leu His Asp Ile Glu Tyr Arg Lys Lys Trp Asp
86           85         90          95
87 Ser Asn Val Ile Glu Thr Phe Asp Ile Ala Arg Leu Thr Val Asn Ala
88           100        105          110
89 Asp Val Gly Tyr Tyr Ser Trp Arg Cys Pro Lys Pro Leu Lys Asn Arg
90           115        120          125
91 Asp Val Ile Thr Leu Arg Ser Trp Leu Pro Met Gly Ala Asp Tyr Ile
92           130        135          140
93 Ile Met Asn Tyr Ser Val Lys His Pro Lys Tyr Pro Pro Arg Lys Asp
94           145        150          155          160
95 Leu Val Arg Ala Val Ser Ile Gln Thr Gly Tyr Leu Ile Gln Ser Thr
96           165        170          175
97 Gly Pro Lys Ser Cys Val Ile Thr Tyr Leu Ala Gln Val Asp Pro Lys

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98          180          185          190
99 Gly Ser Leu Pro Lys Trp Val Val Lys Ser Ser Gln Phe Leu Ala
100           195          200          205
101 Pro Lys Ala Met Lys Lys Met Tyr Lys Ala Cys Leu Lys Tyr Pro Glu
102           210          215          220
103 Trp Lys Gln Lys His Leu Pro His Phe Lys Pro Trp Leu His Pro Glu
104           225          230          235          240
105 Gln Ser Pro Leu Pro Ser Leu Ala Leu Ser Glu Leu Ser Val Gln His
106           245          250          255
107 Ala Asp Ser Leu Glu Asn Ile Asp Glu Ser Ala Val Ala Glu Ser Arg
108           260          265          270
109 Glu Glu Arg Met Gly Gly Ala Gly Glu Gly Ser Asp Asp Asp Thr
110           275          280          285
111 Ser Leu Thr
112           290
114 <210> SEQ ID NO: 6
115 <211> LENGTH: 359
116 <212> TYPE: PRT
117 <213> ORGANISM: Homo sapiens
118 <400> SEQUENCE: 6
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120           1           5           10          15
121 Glu Glu Glu Ser Val Ala Gly Ala Val Gln Thr Leu Leu Leu Arg Ser
122           20          25          30
123 Gln Glu Gly Gly Val Thr Ser Ala Ala Ala Ser Thr Leu Ser Glu Pro
124           35          40          45
125 Pro Arg Arg Thr Gln Glu Ser Arg Thr Arg Thr Arg Ala Leu Gly Leu
126           50          55          60
127 Pro Thr Leu Pro Met Glu Lys Leu Ala Ala Ser Thr Glu Pro Gln Gly
128           65          70          75          80
129 Pro Arg Pro Val Leu Gly Arg Glu Ser Val Gln Val Pro Asp Asp Gln
130           85          90          95
131 Asp Phe Arg Ser Phe Arg Ser Glu Cys Glu Ala Glu Val Gly Trp Asn
132           100         105         110
133 Leu Thr Tyr Ser Arg Ala Gly Val Ser Val Trp Val Gln Ala Val Glu
134           115         120         125
135 Met Asp Arg Thr Leu His Lys Ile Lys Cys Arg Met Glu Cys Cys Asp
136           130         135         140
137 Val Pro Ala Glu Thr Leu Tyr Asp Val Leu His Asp Ile Glu Tyr Arg
138           145         150         155          160
139 Lys Lys Trp Asp Ser Asn Val Ile Glu Thr Phe Asp Ile Ala Arg Leu
140           165         170         175
141 Thr Val Asn Ala Asp Val Gly Tyr Tyr Ser Trp Arg Cys Pro Lys Pro
142           180         185         190
143 Leu Lys Asn Arg Asp Val Ile Thr Leu Arg Ser Trp Leu Pro Met Gly
144           195         200         205
145 Ala Asp Tyr Ile Ile Met Asn Tyr Ser Val Lys His Pro Lys Tyr Pro
146           210         215         220
147 Pro Arg Lys Asp Leu Val Arg Ala Val Ser Ile Gln Thr Gly Tyr Leu

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148	225	230	235	240
149	Ile Gln Ser Thr Gly Pro Lys Ser Cys Val Ile	Thr Tyr Leu Ala Gln		
150	245	250	255	
151	Val Asp Pro Lys Gly Ser Leu Pro Lys Trp Val Val	Asn Lys Ser Ser		
152	260	265	270	
153	Gln Phe Leu Ala Pro Lys Ala Met Lys Lys Met Tyr Lys Ala Cys Leu			
154	275	280	285	
155	Lys Tyr Pro Glu Trp Lys Gln Lys His Leu Pro His Phe Lys Pro Trp			
156	290	295	300	
157	Leu His Pro Glu Gln Ser Pro Leu Pro Ser Leu Ala Leu Ser Glu Leu			
158	305	310	315	320
159	Ser Val Gln His Ala Asp Ser Leu Glu Asn Ile Asp Glu Ser Ala Val			
160	325	330	335	
161	Ala Glu Ser Arg Glu Glu Arg Met Gly Gly Ala Gly Gly Glu Gly Ser			
162	340	345	350	
163	Asp Asp Asp Thr Ser Leu Thr			
164	355			
166	<210> SEQ ID NO: 7			
167	<211> LENGTH: 214			
168	<212> TYPE: PRT			
169	<213> ORGANISM: Homo sapiens			
170	<400> SEQUENCE: 7			
171	Met Glu Leu Ala Ala Gly Ser Phe Ser Glu Glu Gln Phe Trp Glu Ala			
172	1 5 10 15			
173	Cys Ala Glu Leu Gln Gln Pro Ala Leu Ala Gly Ala Asp Trp Gln Leu			
174	20 25 30			
175	Leu Val Glu Thr Ser Gly Ile Ser Ile Tyr Arg Leu Leu Asp Lys Lys			
176	35 40 45			
177	Thr Gly Leu His Glu Tyr Lys Val Phe Gly Val Leu Glu Asp Cys Ser			
178	50 55 60			
179	Pro Thr Leu Leu Ala Asp Ile Tyr Met Asp Ser Asp Tyr Arg Lys Gln			
180	65 70 75 80			
181	Trp Asp Gln Tyr Val Lys Glu Leu Tyr Glu Gln Glu Cys Asn Gly Glu			
182	85 90 95			
183	Thr Val Val Tyr Trp Glu Val Lys Tyr Pro Phe Pro Met Ser Asn Arg			
184	100 105 110			
185	Asp Tyr Val Tyr Leu Arg Gln Arg Arg Asp Leu Asp Met Glu Gly Arg			
186	115 120 125			
187	Lys Ile His Val Ile Leu Ala Arg Ser Thr Ser Met Pro Gln Leu Gly			
188	130 135 140			
189	Glu Arg Ser Gly Val Ile Arg Val Lys Gln Tyr Lys Gln Ser Leu Ala			
190	145 150 155 160			
191	Ile Glu Ser Asp Gly Lys Lys Gly Ser Lys Val Phe Met Tyr Tyr Phe			
192	165 170 175			
193	Asp Asn Pro Gly Gly Gln Ile Pro Ser Trp Leu Ile Asn Trp Ala Ala			
194	180 185 190			
195	Lys Asn Gly Val Pro Asn Phe Leu Lys Asp Met Ala Arg Ala Cys Gln			
196	195 200 205			
197	Asn Tyr Leu Lys Lys Thr			

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VERIFICATION SUMMARY

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Output Set: N:\CRF4\03162006\J538704.raw